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Bandwidth conservation framework for mobile cloud computing: Challenges and solutions (Conference Paper)

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Abstract

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Mobile devices are rapidly transforming the nature of the computing industry. It is promising to be the super future computers. Challenges including network bandwidth limitation, unavailability and limited storage are among the limitations facing Mobile Cloud Computing, MCC as the number of mobile devices accessing the cloud services are rapidly growing. This paper reviews state of the art of mobile cloud computing as well as summarizes the latest challenges and solutions. It also proposes a bandwidth conservation framework that helps constrained users to reschedule bandwidth allocation instructions which is a major problem in MCC. © 2014 IEEE.

Author keywords

bandwidth cloud computing Genetic Algorithm mobile cloud computing MCC mobile computing scheduling

Indexed keywords

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